

Rabbit cardiac Troponin C Polyclonal Antibody | anti-TNNC1 antibody

Anti-cardiac Troponin C antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45175	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

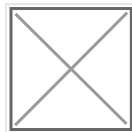
PRODUCT SYNONYMS

cardiac Troponin C; Polyclonal Antibody; Anti-cardiac Troponin C antibody; Troponin C; slow skeletal and cardiac muscles; troponin C type 1(slow); tnnc1a antibody; Cardiac troponin C antibody; CMH7 antibody; cTnI antibody; slow skeletal and cardiac muscles antibody; Slow troponin C1 antibody; TN C antibody; TN-C antibody; TNC antibody; TNNC 1 antibody; TNNC antibody; TNNC1 antibody; TNNC1 protein antibody; TNNC1_HUMAN antibody; TNNI3 antibody; Troponin C antibody; Troponin C cardiac antibody; Troponin C slow antibody; Troponin C slow skeletal and cardiac muscles antibody; Troponin C type 1(slow) antibody; Troponin C type 1 antibody; Troponin C1 slow antibody; Troponin I type 3(cardiac) antibody; anti-TNNC1 antibody

PRODUCT SPECIFICATIONS

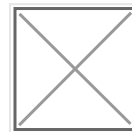
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	161
Applicable Applications for anti-TNNC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human cardiac Troponin C (1-18aa MDDIYKAAVEQLTEEQKN), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-cardiac Troponin C antibody, AAA45175, IHC(P)IHC(P): Rat Cardiac Muscle Tissue



WB (Western Blot)

Anti-cardiac Troponin C antibody, AAA45175, Western blottingAll lanes: Anti cardiac Troponin C (AAA45175) at 0.5ug/mlWB: Rat Skeletal Muscle Tissue Lysate at 50ugPredicted bind size: 18KDObserved bind size: 18KD

ADDITIONAL INFORMATION

Related Product Information for anti-TNNC1 antibody	Description: Rabbit IgG polyclonal antibody for Troponin C, slow skeletal and cardiac muscles(TNNC1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Troponin C1(TNNC1)(troponin C type 1(slow)), also called TROPONIN C, SLOW-TWITCH SKELETAL MUSCLE or TNC, is a protein that in humans is encoded by the TNNC1 gene. Using a "monochromosomal" hybrid panel, the TNNC1 gene is mapped to chromosome 3; subsequent analysis of the Genebridge 4 radiation hybrid panel localized the gene to 3p in a region consistent with the earlier assignment. Circular dichroism measurements revealed changes in the secondary structures of the TNNC1 mutants A8V, C84Y, and D145E.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54042075
NCBI GeneID	7134
UniProt Accession #	P63316; O14800; P02590; P04463
NCBI Official Full Name	Troponin C, slow skeletal and cardiac muscles
NCBI Official Synonym Full Names	troponin C type 1 (slow)
NCBI Official Symbol	TNNC1
NCBI Official Synonym Symbols	TNC; TN-C; TNNC; CMD1Z; CMH13
NCBI Protein Information	troponin C, slow skeletal and cardiac muscles; troponin C1, slow; cardiac troponin C; slow twitch skeletal/cardiac muscle troponin C
UniProt Protein Name	Troponin C, slow skeletal and cardiac muscles
UniProt Gene Name	TNNC1
UniProt Synonym Gene Names	TNNC; TN-C
UniProt Entry Name	TNNC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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